



New Professors Announced As Several Retire

Dean Prescott Quits After 47 Years Here; Name Six Professors

The annual list of promotions and changes on the Institute faculty was announced today. Among the prominent members of the Institute's staff who will retire this year is Dr. Samuel C. Prescott, dean of Science and professor of biology and public health, who has been on the staff for 47 years. He has been appointed as an honorary lecturer in biology for next year. Dr. Prescott joined the staff of the Institute in 1895, was appointed head of the department of biology and public health in 1922 and dean of science in 1932.

Professor Hervey W. Shimer, professor of paleontology in the department of Geology will retire after 39 years of service. Dr. Tenney L. Davis, professor of organic chemistry, retires from the department of Chemistry of which he has been a member 23 years. Dr. Maurice deK. Thompson, professor of electro-chemistry, will retire from the department of Metallurgy after 44 years on the staff.

Professor Walter G. Whitman, head of the department of Chemical Engineering, has been granted a leave of absence to accept a post in the organization of the War Production Board. During his absence Professor Warren K. Lewis, long a member of the faculty of the department, will serve as executive officer of the department.

Professors and Associate Professors

Faculty promotions to the rank of professor include Dr. Charles W. MacGregor, department of Mechanical Engineering; Dr. W. Rupert MacLaurin, department of Economics and Social Science; Dr. Hans Mueller and Dr. Wayne B. Nottingham of the department of Physics; Dr. John T. Norton, department of Metallurgy, and Edward S. Taylor, department of Aeronautical Engineering.

Members of the faculty advanced to the rank of Associate Professor are Archibald W. Adkins and Alvin Sloane of the department of Mechanical Engineering; Dr. Morris

(Continued on Page 4)

Sophomore Placement Progresses As Many Companies Cooperate

"With summer placements for Sophomores progressing rapidly, the success of the placement program seems assured," said Mr. Nathaniel M. Sage, Placement Officer for the Institute. When the school inaugurated the plan early this term, the first time that such a program has ever been effected at Technonlogy, the outcome was not certain, but for those who were pessimistic the results have been amazing according to Mr. Sage.

Of over two hundred companies which have received letters from the Institute regarding arrangements for placing Sophomores, only eight have returned flat refusals, and most of these were due to lack of training facilities or slackening of production. The final success of the plan now appears to rest on the students who will be the recipients of the summer jobs.

According to Mr. Sage, the first consideration in accepting a job

should not be one of monetary remuneration. "The nation's rapidly expanding industrial program has led to many exaggerated reports on rates of pay for men of limited experience for temporary employment. Students seeking such employment should not expect the rumored \$40 per week," he said. If such an attitude is adopted in accepting a summer job, then the goal of the program will not have been reached. Contrary to the opinion of many students, the summer work must be classified as a job and not as a position. It is the experience to be gained from working in the field or shop which will provide the real value of summer work, he said.

Warning students against injur-

(Continued on Page 4)

Schaefer Elected Head Of Dormitory Committee; Given Seat With Solons

Tech Cabin Is Available For Weekend From T.C.A.

The Tech Cabin, on the shores of Lake Massapoag, will be available for this week-end, April 4 and 5, to any group that wishes to take advantage of the opportunity.

Any group that wishes to make the trip to the cabin this week-end may arrange to do so by dropping in at the T.C.A. office, Walker Memorial, or by getting in touch with Milton R. Daniels, Tech Cabin Director.

Secretary And Treas. Will Be Chosen Monday At Board Banquet In The Parker House

A last minute release by the Dormitory Committee announced last night that, as a result of elections held in the dormitories, Robert J. Schaefer, '43, has been elected the new chairman of the Committee, Schaefer, by virtue of the office, will be given a seat on the Institute Committee.

A Course II man from Canton, Ohio, Schaefer attended Mercersburg Academy prior to coming to Technology. Since then he has made himself prominent in a variety of activities, including notably Agenda, the Frosh Council, Desk Editor on The Tech, Beaver Club, Beaver Key, Dormitory Committee, secretary-treasurer of the Class of '43 in his Junior year, and he also served on the Jr. Prom Committee.

Members of the outgoing and incoming Dormitory Committees will gather next Monday night at the Parker House for their annual banquet. At this time, the secretary and the treasurer of the Dorm Committee will be chosen.

At an election held earlier in the week, seven members were chosen to head the various committees which function in the dormitories. Elected were: Gregory C. Gargarin, Gregory J. Azarian, Raymond F. Frankel, Jr., John B. Mackenzie, Henry M. Tiedemann, Bernard S. Brindis, all '43, and Eugene A. Schnell, '44.

Tech Ambassadors To Gather April 8

Rev. Mr. W. H. Sharp Will Address Embassy

"Cynicism, Agnosticism, Religion—Three options for the intelligent student" is to be the subject of the talk to be given by the Reverend Mr. Waitstill H. Sharp at the main meeting of the Sixth Annual Tech Embassy, which will be held at 5:00 P.M. next Wednesday in Huntington Hall by the Technology Christian Association.

The Reverend Mr. and Mrs. Sharp were the only two Americans to be present in Prague, Czechoslovakia, when the Nazis invaded the country, and for six months they both administered relief funds for the Quaker and Unitarian groups. Later Mr. Sharp witnessed the spread of Nazism to France, Spain and Portugal. He has now returned from his relief work to his home church in Wellesley Hills.

Reverend Sharp is to be introduced by James R. Killian, Jr., executive assistant to President Karl T. Compton and will present his philosophy on our present world condition and what role religion plays in the lives of the present day students.

(Continued on Page 4)

John M. Miller '43 Chosen Co-leader In Boy's Work

John M. Miller, '43 was appointed co-director of the Boy's Work Division of the Technology Christian Association by the Executive Committee of the T.C.A. at the weekly meeting held last Wednesday evening.

Miller will join the five present co-directors of the division and will work under the direction of Stanley B. Roboff, '43, Manager of Boy's Work.

Latest Dean's List Reveals That 847 Students Attained Honors

By placing 281 members of the Senior Class on the Dean's List for the first term of the present school year, the Class of 1942 topped in both numbers and per cent the scholastic record of the other three undergraduate classes as revealed by the newest Dean's List which is to be distributed to the student body next week.

The total number of students on the List is 847, of whom 114 attained the first rank, that of 4.5 or better of a possible 5.00. This tally is far above the results for the previous term when 649 men and women qualified, but it is below the results reported for the similar term of last year when 938 students were listed, the best record ever established. This year the Juniors placed

196 or 37.8%, the Sophomores placed 177 or 31.6%, and the freshmen placed 193 or 31.1%. The Seniors had 42.9% of their class on the List.

The number of students on the first Dean's List was approximately the same as in other years, with one more man attaining the honor last year for the first term. However this number dropped for the second term of last year when only 95 made ratings of 4.5 or better.

The Dean's List was established in 1931 as an incentive to better marks through providing official recognition for students with high scholastic ratings. In general the scholastic standing has increased since then although the scholastic average for the entire undergraduate body was only 3.20 last term as compared to a 3.35 the spring term of last year.

Tabulated according to first, second, and third Dean's Lists, the undergraduate standings for last term exist as follows:

Class of 1942: (1), 39 students, 7.4%; (2), 100 students, 18.9%; (3), 142 students, 26.6%; (total), 281 students, 42.9%.

Class of 1943: (1), 27 students, 5.2%; (2), 63 students, 12.1%; (3), 109 students, 20.5%; (total), 196 students, 37.8%.

Class of 1944: (1), 24 students, 4.3%; (2), 64 students, 11.4%; (3), 89 students, 15.9%; (total), 177 students, 31.6%.

Class of 1945: (1), 24 students, 3.9%; (2), 62 students, 10%; (3), 107 students, 17.2%; (total), 193 students, 31.1%.

Housing Problems Shown In TCA Movie

Two motion pictures, one a documentary film showing the problems of housing in the modern city, the other a picture in color depicting the erection of homes by prefabrication methods were shown at 4:00 P.M. yesterday afternoon in Room 10-250. The presentation was sponsored by the Housing Commission of the T. C. A. and was arranged by J. George Schudel, '43, Housing Director of the Association.

The first film, "A Place To Live," based on a survey made by the Philadelphia Housing Association, endeavored to depict the squalor which exists in certain sections of the modern city. It is the story of a schoolboy's need for a fair chance to live, and follows his life in the slums from the time he leaves school in the afternoon until he returns the next morning.

During the intermission between films John E. Kahle, Jr., of the Homasote Company, commented

(Continued on Page 4)

Boulder Dam Spillway Shown On Technology Review Cover

Identifying the April issue of The Technology Review is an aerial view of the Spillway at Boulder Dam, which is shown on the cover of the magazine. This latest issue features articles on plywood, biology, building problems, glass manufacture, knowledge through practice, and an insight into the trend of furniture design.

"The Trend of Affairs" brings to light the artistic trend which advertising has taken under the influence of modernistic artists. Another item tells of the work of the Institute in developing devices for automatically controlling operating conditions of complicated machines.

Results of the latest research on synthetic rubber bring to light interesting peculiarities of this important product. Plywood in construction comes in for interesting comment as does a whole series of technical applications which have been altered through the economics of war.

"As Boundaries Break" by Professor Francis A. Schmitt tells how biology is drawing upon physics and chemistry for the solution of new borderline problems. He comments on progress in biological undertakings at Technology.

"Sense and Shelter" by Mr. Albert G. Dietz outlines four problems

which must be met in any effort to prepare the building industry to handle responsibilities which the future will impose. "A Cloth of Glass" by Mr. Sterling Lanier surveys the ups and downs of Massachusetts ventures into the manufacture of glass. "Furniture in Transition" by Charles Messer Snow shows how for the first time a new style starts in the lower price brackets.

The Institute Gazette covers the recent developments which have affected life at Technology during the last month.

Phi Delta Theta House Quarantined By Measles

Quarantine for measles, an annual occurrence at Technology, has befallen the Phi Delta Theta fraternity house. Not only will the brothers be unable to attend our noble Institute, but probably through oversight, they made the unpardonable mistake of not planning to have dates in the house coincident with the issuance of said quarantine.

Teething rings, rattles, tootsie-toys, and even grown-up electric trains to help entertain the brothers will be most welcome, we feel sure.

Sr.'s Vote Dance At Country Club

Today Last Day For Sr. Week Redemptions

By an overwhelming majority the Seniors last week voted to substitute a dance at the Commonwealth Country Club for the traditional "Pops" Concert, it was announced last night by S. Young Tyree, '42, chairman of the Senior Week Committee. The choice was made from three alternatives. A barn dance, a theatre party and the country club dance were offered to take the place of the concert made impossible by the speed-up.

The dance is scheduled for Saturday, April 24, and while final announcements have not been made, it was announced that facilities are ample for the accommodation of Senior week-enders. The hour for the Senior Dinner to be held on Monday, April 27, has been set as

(Continued on Page 4)

Alumni Get Navy Honors For Valor, U.S.S. Kearney

For their cool-headed efficiency during an unexpected emergency, two of Technology's recent graduates have received the award of the Navy Cross, one of the highest honors achieved by naval officers. The two men were Lieut. Anthony L. Danis and Robert J. Esslinger.

Danis, who was the commanding officer of the Destroyer Kearny when it was torpedoed off Iceland, succeeded in bringing his ship to port despite injuries which ordinarily would have sunk it. He was a student in Course VIII and graduated in 1928.

Esslinger was the engineering officer aboard the same ship. He was cited for keeping his engines in operation without thoughts of his own safety. He received his degree in 1940.

The Tech

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DEFINITION OF A CLASS A ACTIVITY

The Institute Committee, representative body of the Undergraduate Association, consists of three members of each class and one from each of a number of undergraduate activities, which are designated as Class A activities. At present, fifteen campus organizations, whose representatives compose over half of the Institute Committee's membership, hold Class A ratings. One of these, the Debating Society, is a temporary member having been granted on May 8, 1941, a probationary Class A rating, which will expire at the end of one year.

We wonder on what basis the Institute Committee will grant or refuse a Class A rating to the Debating Society when the date of expiration of its probationary period has arrived. The Institute Committee's constitution is noticeably vague on the subject of what qualifications an activity must possess to be granted a Class A rating. It merely states that "any other (other than those already on the Institute Committee) organization now existing or hereafter duly organized by the undergraduates may, by two-thirds vote of the Institute Committee, be granted representation thereon" and that, "to be granted representation on the Institute Committee, an organization must have existed one and one-half calendar years, and must either have had a minimum of fifty students taking active part in it during one Institute term, or must have other qualifications which render it worthy of representation." Just what qualifications render a society worthy of representation are left to the decision of the individual members of the Inst. Comm. That these decisions will vary and that confusion will follow is inevitable; the solons required thirty minutes to agree last year on what was to be done about the Debating Society.

The management of undergraduate affairs is a big job, and the appointment of an activity to help in that administration is a serious move which should be conducted in an organized manner according to set rules prescribed by law. We suggest that the new Executive Committee of the Inst. Comm., which will take office in the near future, consider as one of its first duties the defining of a Class A activity, which definition will appear in the constitution of the Undergraduate Association.

RELIGION IN WAR

Amidst a world gone mad with hate, injustice, and the desire to kill, the T.C.A. Embassy turns the Technology student's mind temporarily to thoughts of religion. For next Wednesday, the sixth annual Embassy brings to the Institute Rev. Waitstill H. Sharp to discuss "Cynicism, Agnosticism, and Religion."

The Embassy has not been a high pressure attempt by clerical bigwigs to force Christianity down undergraduate throats; it has been a sensible attempt to put theological discussion on a plane where it can be approached by clergymen and students with equal ease. The minister temporarily abandons his pulpit and relies on hard-boiled arguments to convince an audience which is not composed of docile yes-men leaning on every word and easily awed by prestige. The Technology undergraduate, it seems, will not accept religion on theological terms alone. Through continual association with the cold calculations and the clear-cut methods of the scientific world, he has come to demand in every phase of his life straight, logical thinking, unadulterated by emotional argument.

But this year, the Embassy faces a new and different problem: it must convince the Techman of the practicability of religion in a time of upheaval when religion naturally takes a back seat to the bitterness and narrow-mindedness of war. The Embassy has used successfully in the past sound argument and rational discussion; and by such methods must the religious problems of Technology again be attacked when discussion opens next Wednesday.

The Reader Speaks

Editor, The Tech
Walker Memorial
Cambridge, Massachusetts

Dear Sir:

"Statistics? I can prove anything by statistics except the truth."

—George Canning (1770-1827)

While the ideas of the writer of a recent editorial entitled "Voluntary Physical Training" are laudable, it is unfortunate that he resorted to a most common fallacy to prove his point. It is obvious that one can always find figures to fit his own opinions. Valuable truths, however, are only arrived at when man first plans his investigation, takes his data, and then, after a study of all the possibilities and implications, infers a logical conclusion. The figures, as presented in Tuesday's paper, might more properly indicate that students who have done well in their studies have elected to spend their free time on athletics. We might even venture the opinion that some brighter students have done exceptionally well as athletes only because their minds were free from worrying about becoming alumni prematurely.

Yours truly,
Louis Rosenblum, XVIII.

Professor Earl B. Millard, Originator Of "Millardisms," Heads Raid Wardens

"I never thought that anyone would find my life interesting enough to write about," said Professor Earl B. Millard, popular physical chemistry professor, "but I'm still living it." Thus in an interview with The Tech he modestly put aside the fact that his are some of the wittiest lectures at Technology.

Originator of many "Millardisms", such as "Part of it plus the rest of it equals all of it" and "Grab the marbles and run," which describes what to do when confronted with certain physical chemistry problems, Professor Millard also has his serious side in trying to put across his subject. Many students have gasped in wonder at the sight of their quiz grades neatly laid off on EE graph paper only to find that this represents part of the professor's system to see if the students are assimilating the material. With a firm belief that education is no good unless it educates he has conscientiously studied his students' reaction to the course for many years in order best to arrange his plan of teaching.

Air Raid Warden

Perhaps more exciting to the average student may sound the

title of Institute Air Raid Warden. Although he has held the position for a longer time, Professor Millard first came to everyone's attention in this capacity on the Tuesday after Pearl Harbor, when unidentified unknowns threatened Boston and sent M.I.T. cowering to the basement. The many precautions taken up to that time and since then are his work.

When asked how he came into the position he answered, "I could see some things which needed doing, and I couldn't complain without being prepared to do something about them." In addition to this, many students have come to know him in the capacity of chairman of the undergraduate courses committee, since there has been worrying over speedups. Although in a position to hear all the rumors, Professor Millard has shown a determination to dispense only the truth. Hence his classes were often told, "Nothing has definitely been decided."

Technology Superior

Professor Millard's A.B., M.A. and Ph.D. were obtained at the Universities of Colorado, Wisconsin and Illinois respectively. However, he believes that Technology offers students the best technical education in the world and advises that he would like to see no major changes in the curriculum. In addition to his formal education he has done much research in writing and keeping up to date his "Physical Chemistry for Colleges," with which all 5.61 students should be familiar. He also has done much consulting work with textiles industries in Albany.

Saying with an amused sigh, "For ten years I spent nearly every weekend riding the Boston and Albany railroad," he then admits that it was invaluable experience in his field of physical chemistry. He advocates similar industrial experience for any young chemist or engineer, even though the person intends to do only teaching work, but says that he regrets that it forced him to see his family all too infrequently.

One Chemist Enough

This family consists of his wife, the former Elizabeth Chapman, whom he married in 1924, and their two children. Their daughter Janet, born in 1929, is about three years older than their son Richard. Asked if he had any particular plans for his son's education, perhaps Technology, he remarked, "That's for him to decide," and added, jokingly, "but one physical chemist is about enough in any family." Professor Millard lives with his family in Newtonville, and students from that vicinity delight in hearing some of his humorous stories of the physical chemistry of the town.

As a member of the American Chemical Society, Scabbard and Blade, and Alpha Chi Sigma, Professor Millard takes an active interest in these organizations. However, he is still best known to the students at Technology as a clever and effective lecturer in his favorite subject, physical chemistry.

Collegiate Roundup

by Paul Talalay

... Adding one more voice of authority to the opinion that educational institutions serve a vital part in the nation's defense, President Alexander G. Ruthven of the University of Michigan is quoted by the A.C.P. as saying:

"The task of national defense is not the relatively simple one of accumulating arms, munitions, ships, soldiers, and other means of destruction. It is also one of supplying a steady flow of intelligent, well-educated, conscientious, skilled citizens into the population. The safety of the nation must not be neglected, but full safety even in time of war involves the promotion of the welfare of the civilian population, adequate instruction for our young people, and proper consideration of the problems of a post-war world. To weaken unnecessarily the educational system at this time as at any time is to increase definitely and materially the vulnerability of the nation." In a few well-chosen words Dr. Ruthven has emphasized the multiple complexity of the problems which confront a warring world in which hope still keynotes the day.

... Operating under

the theory that "class attendance at Dartmouth College is a privilege", the Hanover institution has introduced a system to regulate class cutting. Initiated by Professor George C. Wood, chairman of the Division of Humanities at the college, the plan was designed to develop a sense of responsibility in the students and it was to be administered through the cooperation of the administration and the faculty at the college, according to the Daily Dartmouth.

While some people hereabouts might doubt the basic premise that attendance at Dartmouth is a privilege, it seems that the new plan which puts the matter of class cutting under the jurisdiction of individual Professors "is working out all right."

... Bitter Medicine

is the apt title of a recent editorial in the Harvard Crimson, which

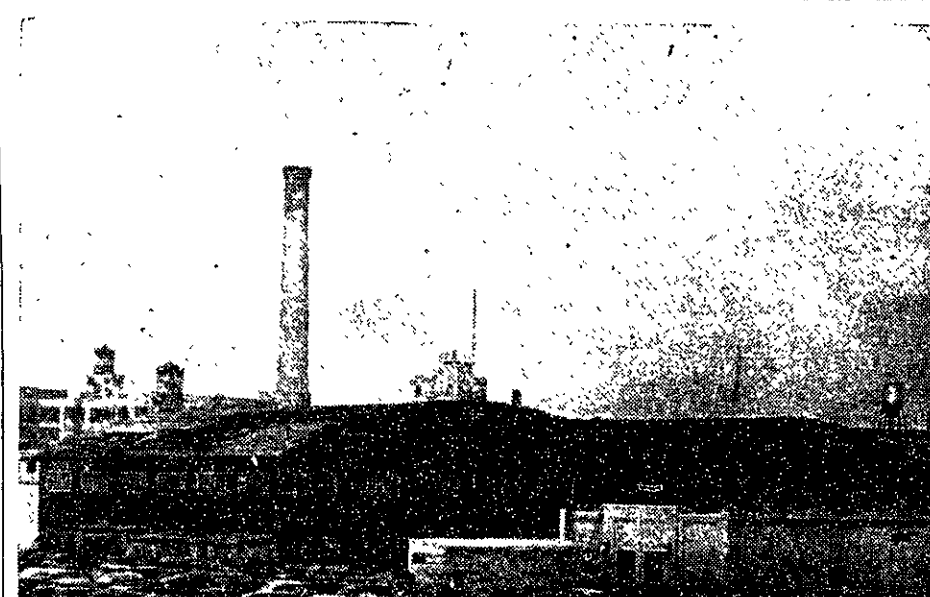
crusades for a voluntary savings plan and the purchase of defense bonds and stamps among the student body. Citing a simple tragic calculation that during the World War I it cost \$25,000 to kill one soldier, while during the present war the costs have risen considerably with increasing mechanization, and that every day ten thousand men are killed in battle, the edit points out that only through an organized plan of borrowing and taxation can inflation be avoided.

"Surely Harvard students can cut out a beer, (sure they can), a movie, or even an occasional date to prevent inflation and help win the war. The medicine seems a little bitter, but the patient is very sick."

... It's Amazing

but we like Math. More than one-half of the nation's students like mathematics according to a recent Student Opinion Surveys of America Poll. While 56% of students have had maths. courses, only 14% have had more than two courses, and have so to speak, proceeded beyond the elementary "arithmetic's" stage. In most colleges it is possible for students to obtain degrees without taking any mathematics courses at all, and this accounts for the fact that 44 per cent of American students never touch a maths. book during their four years at college.

HERE YESTERDAY — GONE TODAY



The Hangar Gym as workmen prepared to demolish the World War I structure to make room for urgent expansion of the growing research and development phase of Technology's contribution to the war effort.

Varsity Crews Progress; Rowe Cup Race Nears; Freshmen Rowing Well

Race Directions And Time Trials Given By Coaches

The serious training for crew men has begun. Every day time trials are being given and results checked carefully. The crews have somewhat less than a month to get into tip-top shape. The first varsity race is scheduled for April 25, here on the Charles River. This race, the Rowe Cup, will include entries from Harvard, Boston University, Syracuse, and M.I.T.

The heavy varsity crew has been progressing rapidly, with keen competition existing between the men in the three boats. Starting early this week, time trials were given and the fellows did all right considering the poor weather. The first boat, as of yesterday, consisted of DeVoe, stroke, followed by No. 7 man Flowers, No. 6 McGuire, No. 5 Tyberghein, No. 4 Lehman, No. 3 Bakker, No. 2 Heller, and No. 1 Malloch. Nothing is permanent, however, and anyone of the 16 odd other men can still make the first boat, providing they are good enough.

The freshman heavies are coming along also, both boats having taken a time trial over the Henley course yesterday. The first boat to cross the finish line bettered their record of the previous day by ten seconds. Here again competition is keen, and the line-ups are changed from day to day in order to achieve the best combination.

The varsity and freshmen 150's were put to a time trial, also. Both boats were timed for a course following the Henley but a bit shorter, ending at the Harvard bridge. Although no times were given out, both crews did exceptionally well for the first time under the watch. Precision and timing are the keynotes in these two boats, along with form and power. Hettich strokes the varsity boat, backed up by No. 7 man Caldwell, No. 6 Shakhov, No. 5 Pietsch, No. 4 McClave, No. 3 Floden, No. 2 Nicolait, and bow man Bryant. The cox is Swain.

The freshman 150's line up as follows: Ziebarth at stroke, Swan No. 7, German No. 6, Hunter No. 5, White No. 4, Butter No. 3, Hooker No. 2, and Goodnow at bow.

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CAPTAIN OF VARSITY



Gardner To Head Beaver Key Society

**John E. Gardner
Chosen President
Of Beaver Key**

Chosen to head Beaver Key, Honorary Activities Society, John E. Gardner, '43, became its new president as the result of an election meeting held at 5:00 P.M. last night in Room 10-200. Clinton C. Kemp, '43, as vice-president, John R. Gunther, '43, secretary, and Sid F. Atlas, '43, were also chosen to assist Gardner on the Executive Committee.

It was announced at the meeting that the society as at present will continue to sponsor intramural activities throughout the summer among the dorms, fraternities, and commuters. This announcement was based on the fact that there will be no other organization during the summer to carry on this activity.

The representatives from the activities at the Institute were chosen as follows: from The Tech will be Gardner H. Sloan, '44, the Music Club will be represented by John A. Bavicchi, '44, and the Technology Engineering News by Paul M. Heilman, '44. The three representatives of the Athletic Association are Randall N. Pratt, '44, Richard S. Bettes, '44, and Steven H. Brown, '44. Members-at-large chosen by members of the society are Frederick J. Cavanaugh, '44, Ernest J. Schoenwald, '44, Courtney H. Reeves, '44, George N. Ziegler, '44, James H. Barnes, '44, Richard G. Wade, '44, and Americo F. Almeida, '44. Representatives from Voo Doo, Walker Memorial, and Technique are to be elected later.

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Science may be read or
obtained.

Spear Breaks Frosh Record For Indoor Mile

Warren Spear, '45, running the indoor mile on the board track behind the Alumni Pool broke the freshman indoor mile record. The mark had stood at 4:37.0, as made by Gene Brady in 1939. Spear trimmed it down to 4:35.4.

Also running in the same mile were: Bob Miller, '43, Sten Hammarstrom, '44, and Harold Knapp, '45. Bob Miller led the line until the three-quarter mark. Then Spear passed Miller to take the lead in until the last yard of the stretch when Bob Miller caught up and tied him at the finish.

Spear's mark of 4:35.4 compares very favorably with the Institute's varsity record of 4:32.8, which was made by Morton Jenkins, '35, in 1934. But the day was not over, and Captain Gene Brady, not to be outdone by mere freshmen and Juniors took to the track and clipped off the mile in 4:35.0.

Next Monday will be the day which has been anticipated all winter, the moving from the indoor track to the quarter mile of cinders on Briggs field. The tracksters will have to undergo the inconvenience of dressing in the Barbour Field House and jogging out the gate on Vassar Street, jogging down Vassar Street and entering Briggs Field by the side gate.

Second P. T. Course To Start Next Tuesday

Coach Henry P. McCarthy has announced that there will be a second course of Physical Training instituted next Tuesday at 3:00 P.M. This new course is to provide an opportunity for freshmen who have Military Science from 4:00 to 5:00 P.M.

The classes will be voluntary and planned to suit those who wish to take part. Exercises ment of a student, according play a large part in the development to Mr. McCarthy, but the classes will not be devoted entirely to calisthenics. Volleyball and other games have already been planned to maintain interest in the classes.

Tech Pistol Club Chooses Champion

**Awards To Be Made At
Annual Banquet April 9**

The Tech pistol club held its intra-club match last night to determine the team champs and complete its season with the exception of its annual banquet. Cap't John Gunther and Dick Russell tied for first but Russell came through in the shoot off to take top honors by shooting an 85 to Gunther's 78. George White and Gage Crocker followed in 3rd and 4th places respectively. In the freshman competition, Irving Schwarz copped first place with a 238 while John Wyman followed closely with 233.

The victors and top men in the intra club shoot will be honored at the banquet tentatively scheduled for April 9th. At that time a medal from the N.R.A. and a medal presented by the team will be awarded. Also at that time the new manager will be announced and the captain for next season will be selected, so all members are urged to be present for the voting. Numerals, letters and N.R.A. qualification medals will also be awarded at the banquet and the 5 freshman who qualified as sharpshooters or better will be honored.

Lacrosse Team To Open Season Against Boston

**Given, Dunwoody And
Bob Evans To Spark
Best Team In Years**

One of the best lacrosse teams to come out of Tech in several years, according to Coach Bob Maddux, will open its season tomorrow when the Boston Lacrosse Club invades Technology. The contest will take place at 2:30 o'clock probably on Briggs field. With several full team practices behind it the team should be able to make an excellent showing against its more experienced adversaries.

Coach Maddux is training a new goalie, Wally Jevon, '44, who filled the position of mid-field last year. Ralph Leader, '43, and Al Heckel, '44, will lead the home stickmen's attack, while Bob Given, '42, Cal Dunwoody, '43, and Captain Bob Evans '42, will maintain a strong defense.

The Boston Lacrosse Club consists of ex-college men who have had considerable experience in the sport. Their strength has been somewhat sapped of late by the draft, however, and the match should prove interesting. Perry Crawford, '39, and Tom Creamer, '40, both Tech graduates, will be playing on the opposing team.

Following this contest the team will face the Tuft's stickmen; however, it is still undecided whether the game will be here or on the opponent's territory. The game with the Medford team will take place on Wednesday, April 8th, and the team will play every Wednesday and Saturday thereafter throughout April.

Softball Tourney Starts Tomorrow

The Beaver key softball tournament will get underway tomorrow when 12 fraternity and dormitory teams will open the first round, according to Sid Atlas, '43. Until Fenway Park can be obtained for games the teams will play on the ground between Building 2 and Walker Memorial. The first round will be completed by Saturday, April 11th and the second round will commence the following Sunday. If any of the games scheduled for tomorrow cannot be completed because of weather conditions they should be played Easter Sunday.

The games scheduled for tomorrow are as follows: Senior B vs. Hayden, Bemis vs. Senior A, Theta Xi vs. Delta Kappa Epsilon, Delta Upsilon vs. Chi Phi, Beta Theta Pi vs. Sigma Nu, Phi Kappa Sigma vs. Theta Chi, and on Sunday Pi Lambda Phi will face Sigma Alpha Mu.

Dekes Outvolley Theta Delta Chis

The second round of the Beaver Key volleyball tournament nears completion after a week of high activity. Last night the Delta Kappa Epsilon downed the Theta Delta Chi, and the Chi Phi-Delta Tau Delta game was postponed. Wednesday night there were also two games in which Phi Gamma Delta beat Alpha Tau Omega, and Goodale won by a forfeit. On Tuesday night the Phi Kappa Sigmas topped the Theta Chis and Phi Sigma Kappas edged Phi Delta Theta.

These games along with the ones which are to be played Sunday between Pi Lambda Phi and the Student House and between Delta Upsilon and Sigma Alpha Epsilon will complete the second round with the exception of one game. This game and all the ones in the third round will be finished by Sunday, April 12, according to Cal. Dun-

(Continued on Page 4)

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Home Making Cited As Marital Problem In Magoun Lecture

Notes Available To Those Interested After Final Lecture Tuesday

The next to the last lecture of the T.C.A. sponsored series "In Preparation For Marriage," was presented last Tuesday afternoon at 4:00 P.M. in Huntington Hall. Professor F. Alexander Magoun discussed the job of making a home.

The speaker emphasized the need for a mutual undertaking of such a job, stating that a happy home cannot be organized under the domination of either husband or wife. "Matters involving money are more difficult adjustments to make than matters involving sex, because each of the parties involved has a previous pattern of handling money," the professor stated. Such matters should be agreed upon together, as a budget cannot be operated by two sets of standards. The professor also discussed the necessity for savings and insurance.

Other subjects which were explained to Professor Magoun's audience were those of recreation, children and religion, which he explained, play prominent parts in the organization of a happy home. Children may hold the parents together or drive them apart, depending upon whether or not the mother and father realize the responsibility of bringing children into the world.

The T.C.A. has decided that the set of notes prepared by the lecturer will be distributed to all who desire them, following the last lecture in the series. This last lecture will be given next Tuesday. These outlines may be picked up in Professor Magoun's office, Room 5-117, any time after Tuesday, April 7.

Frosh Placement

(Continued from Page 1)

Both men stressed the importance of getting experience from the job even though it may not pay a fabulous sum. Mr. Sage said that although many companies have been asked to take Sophomores, none has as yet been approached about freshmen. He also suggested that men who had jobs last summer take them again as they will probably offer better opportunities than a job which one takes for the first time.

Gridiron Speaker Is Naval Lieutenant

The Gridiron banquet will be held at 6:45 P.M., April 8, at the Hotel Vendome. The guest speaker will be Lt. Hamilton Thornquist, U.S.N., of the Public Relations department, First Naval District. The subject of his speech is "The Functions of the Public Relations Department of the United States Navy."

Gridiron members can get tickets for this tuxedo affair from the offices of publications. Others must buy their tickets.

Tech Embassy

(Continued from Page 1)

After the main meeting the ambassador guests are to dine with the students in Walker and in the fraternities, where the "bull-session" dinners on subjects pertaining to religion will take place.

The committee in charge of the dormitory dinners has sent letters to all dormitory residents explaining in detail the facts about the dormitory dinner. Professor William H. Timbie of the Electrical Engineering department will be the guest of the dorm men at their dinner in Morris Hall, and after the meal the group is to adjourn to the Litchfield Lounge where the Professor will talk on the subject, "How Important Is Religion Today."

Boston Newspaper Features Effort Of School In War

Conducting a series of feature articles on how the war has affected people of all walks of life, The Boston Herald has chosen the student body at the Institute as one representation of student reactions in the schools of Greater Boston. This feature appeared in this morning's issue of The Herald.

With the idea of finding out how the students' plans have been changed, several undergraduates were interviewed. The results of this canvas demonstrated distinctly, announced the Herald, that Institute students feel a more secure place than do those students of liberal arts colleges. It was pointed out that the Institute's activities so closely fit into war activities that few plans have been changed, other than those due to the acceleration of the Institute program and to the R.O.T.C.

Dean Lobdell was interviewed, along with Marshall J. McGuire, '42, captain of the varsity crew, and George R. Spies, '42. Quotations from the report of Dr. Karl T. Compton were also included. This feature is one of a series which already has included the student body at Middlesex Academy and a canvas of all those living on a street in Concord, Mass.

Faculty Promotions

(Continued from Page 1)

Cohen and Dr. Carl F. Floe of the department of Metallurgy; Dr. Prescott D. Crout, department of Mathematics; Dr. Truman S. Gray, department of Electrical Engineering; William C. Greene, department of English and history; Henry G. Houghton, Jr., department of Meteorology; Dr. M. Stanley Livingston, department of Physics; Dr. Douglas M. McGregor, department of Economics and Social Science; Ronald H. Robnett, department of Business and Engineering Administration; and Dr. Irwin W. Sizer, department of Biology and Public Health.

Assistant Professors

Promoted to the grade of assistant professor are Lawrence B. Arguimbau and Dr. J. Albert Wood, Jr., of the department of Electrical Engineering; Lynwood S. Bryant and Dr. George de Santillana of the department of English and history; Dr. William W. Buechner, Dr. Seibert Q. Duntley, Dr. Clark Goodman and Dr. Charles F. Squire, all of the department of Physics; Herbert F. Goodwin, department of Business and Engineering Administration; Christian E. Grosser and Dr. Brandon G. Rightmire of the department of Mechanical Engineering; Delbar P. Kelly, department of Aeronautical Engineering; Dr. Eric Reissner, department of Mathematics; Dr. John C. Sluder, department of Biological Engineering; Dr. Clark C. Stephenson and Dr. Alberto F. Thompson, Jr., of the department of Chemistry; Charles A. Stokes, Scott W. Walker, Glenn C. Williams, and John H. Lutz, all of the department of Chemical Engineering; Dr. Walter L. Whitehead, department of Geology; and J. Edward Vivian, director of the School of Chemical Engineering Practice.

Instructors

Appointments to the grade of instructor include Malcolm S. Burton, department of Mechanical Engineering; Godfrey T. Coate, William R. Saylor, and Marvin B. Sledd, all of the department of Electrical Engineering; James W. McBride, department of Aeronautical Engineering; Robert V. Rosa, department of Economics and Social Science; David G. Edwards and Hewitt G. Fletcher, Jr., of the department of Chemistry; Guy T. McBride, Jr., department of Chemical Engineering; and Kurt S. Lion, department of Biology and Public Health. William C. Bauer and James D. McNitt are appointed directors of the School of Chemical Engineering Practice, and David Herron and Hugh W. Schwarz assistant directors.

War Relief Dance To Be In Walker

Russian Committee Gives Party April 11

Springsky is in the air and the Junior Committee of the Russian War Relief will hold a Spring Festival Dance starting at 9:00 P.M., Saturday evening, April 11. The dance will be held in Walker Memorial and tickets cost sixty-six cents per individual. Music will be furnished by Ruby Newman's Orchestra.

The affair will be held with a full Russian atmosphere including ushers dressed as Cossacks (U.S.S.R.'s equivalent for an M.P.) and girls in real (well, almost real) Russian costumes. To further the atmosphere, the Russian Conga (undoubtedly from South Russia) will be demonstrated, taught, and, possibly, learned. To make the enterprise seem entirely authentic, there will be folk songs and food from the land of the Bolshevik (maybe yet vodka? Who knows?)

According to Miss Tamara Polevoy, Radcliffe, '44, chairman of the committee, ticket sales will be limited to only 500. At their own risk, two Radcliffe girls will sell tickets in the main lobby of Building 10 from 10 to 4 next Wednesday.

Sophomore Jobs

(Continued from Page 1)

ing their own reputation and that of the Institute as well, Mr. Sage emphasized the fact that technical training received during the first two years is not sufficient to make students more valuable for such a short period of employment. Most of the jobs will be as unskilled labor, and students should not feel that their services are any more valuable at this time than that of untrained workers entering the factory. If students demand special consideration in regard to placement and wages, each may find himself out of a job, and he will have injured his own reputation and that of the school.

Last Chance to Choose

As this will be the last time that the Class of 1944 will have a chance to find out what kind of work each member is definitely interested in, the company with which each accepts employment should be of prime consideration. The Army and Navy are looking for trained men as well as industry, and if the time comes when a choice must be made, those students who have established themselves with a prospective employer may find themselves classified on a basis of their importance in the war production program.

In this interview to The Tech, officers of the placement service revealed that a careful choice may provide students with an opportunity to make themselves more valuable for some line of future work, whether it be in the government service or in industry. An outstanding example is in the metallurgical field, where there are far more offers than there are men to fill the jobs. The large steel companies not only want metallurgists, they want potential chemists, chemical engineers and those in administrative training.

T.V.A. Is Enthusiastic

The most enthusiastic reply came from the Tennessee Valley Authority, which desires 75 men. The offer is open not only to electrical and civil engineers, but to architects and mechanical engineers as well. The T.V.A. has expanded to seven states, and there is a large demand for draftsmen and surveyors. The entire Sophomore Class of Course I may accept the offer, and practically all the architectural students have applied.

In the chemical field the students have been offered jobs by companies engaged in the manufacture of heavy chemicals and especially by those companies making explosives. Companies in the electrical manufacturing field are taking students from both Courses VI-A and II-A, while the biology students are finding opportunities to work

CALENDAR

SUNDAY, APRIL 5

4:00 P.M. Christian Endeavor Meeting—323 Harvard St.

Technique Sales Continue In Lobby Of Building 10

This year's issue of Technique, official school yearbook, will carry as a frontispiece a four-color photograph showing the columns of the entrance set off by flowers along the walk.

As only 800 books will be available this year, options should be redeemed soon. Seniors especially, with only a few more days of school left should, buy their copies soon. Sales will continue this week in the Lobby of Building 10.

Volleyball

(Continued from Page 3)

woody, chairman of the volleyball tournament.

The third round will reduce the number of teams in the contest to four. These will then play a round robin series to determine the champion team of the institute. This should all be ended within two weeks according to Dunwoody.

Christian Endeavor Asks Tech Men to Meetings

In order to balance their courses at Technology, all students have been invited to attend the Christian Endeavor meetings held weekly at 323 Harvard Street, Cambridge. The organization is primarily a meeting for students at all of the schools in and around Boston.

Members of the club include representatives of Wellesley, Radcliffe, Simmons, Boston University, Bentley, Harvard and Technology. William H. Kautz, '45, one of our students, announces the next meeting will be on Sunday, from 4 to 5 P.M., with a discussion on the recent Inter-Varsity Christian Fellowship conference.

either in the food industries or to aid in research for other companies. The physicists are receiving offers of all kinds to assist in research or analysis.

Oil Companies Have Jobs

The few students in geology have found their opportunity to gain valuable experience with the oil companies. One of the largest demands is for naval architects, practically all of whom will go to work in shipyards. The diversity of offers for Course XV is large, due to the fact that most of these Sophomores will have had a course in production. Aeronautics students are awaiting replies from companies engaged in assembling aircraft.

According to placement officers, the more interesting jobs are not to be found around Boston or New York, but are scattered throughout the country where outdoor work is easier to get. The opportunity to travel should appeal to many students who may find this their last opportunity to pick the locality in which they wish to work.

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Housing

(Continued from Page 1)

on the movie which followed. This picture, "A City Rises Over Night" was a spectacular example of modern engineering methods as applied to defense housing. It showed the erection of a project of 977 homes for defense workers at the Mare Island Navy Yard in Vallejo, California. This project was completed in 73 days, the parts being prefabricated in 43 days. Each of the houses are demountable, a fact which makes the home usable after the war emergency is past. This also prevents the possible formation of "ghost towns" in the future.

After the films were shown Mr. Kahle answered all questions which were asked about his company's process.

Senior Week

(Continued from Page 1)

9:00 P.M. with the Senior Ball to follow from 10:00 P.M. until 3:00 A.M. Music by Claude Thornhill. The other events of the week-end of the 23rd to the 27th remain as previously announced.

Tomorrow is the last day for Senior Week redemptions in the Lobby of Building 10. Tyree announced that if any redemptions or tickets remain unsold after tomorrow, an additional charge of one dollar for redemptions will be made. It will be necessary to see Paul M. W. Bruckman, chairman of the Sales Committee for that purpose. Signups for table reservations at the Senior Ball may also be made tomorrow at the option desk.

Donald H. Ross, '43 Now Heads A.E.S.

In a meeting held last Tuesday in Room 6-120, the Aeronautical Engineering Society chose Don H. Ross, '43, its new head. Assisting Ross during the coming year will be John Goldsmith, '43, and treasurer John Chamberlain, '44. Elected to the managing board are Charles Steffins, Jr., '45, George H. Manning, '44, and William B. Terry, '43.

The chief concern of the society, announced Ross last night, is the procuring of a new set of wings for the ill-fated glider "Alaire" which burned last fall. He added that the society's chief activities in the past have been mostly taken up by gliding.

Movies of acrobatic flying were also shown at the election meeting, and plans for short fifteen-minute talks was announced wherein members of the Society will deliver subjects of interest to their air-minded associates. Plans for the inaugural banquet were laid with the date and location to be announced later.

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